الصف السادس الابتدائي ٢٠٢٤

بنك الاسئلة

المتميز

أ/ محمود سعيد

ELMotamyez Questions Bank

Math

November Revision

BY

MR. Mahmoud Elkhouly

نسخة مجانية

ملحق الإجابات بالداخل

El.Motamyez.School

يمكنكم الحصول على المذكرات والاختبارات من خلال مسح رمز الـ QR Code
أو من خلال صفحة "المتميز - أ/ محمود سعيد".

® يرجى مراعاة حقوق صاحب المحتوى عند النشر.

November Questions Bank

Question 01 Choose the correct answer

1. Take away double the number m from 20 is written as .....
   (a) 20 – m (b) m – 20 (c) 2m – 20 (d) 20 – 2m

2. The volume of the cube of edge length 4 cm is .....cm^3
   (a) 12 x 4 (b) 4 + 4 + 4 (c) 4^3 (d) 3^4

3. 3 x 3 x 3 x 3 x 3 = ...
   (a) 3 x 5 (b) 3 + 3 + 3 + 3 + 3 (c) 3^5 (d) 5^3

4. 3 + 3 + 3 + 3 + 3 = ...
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5. The value of the expression 5 m ÷ 3 for m = 6 is .....
   (a) 3 (b) 5 (c) 6 (d) 10

6. The first operation you preform in the expression $6 + 5^3 - 4 \div 2$ is .....
   (a) add (b) Subtract (c) exponent (d) Divide

7. The first operation you preform in the expression $6 + 5^3 - (4 \div 2)$ is .....
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9. Seven cubed added to six squared equals .....
   (a) 7 x 3 + 6 x 2 (b) $6^2 + 7^3$ (c) $6^2 - 7^3$ (d) $2^6 + 3^7$

10. Rozana saved x pounds . Mr Mahmoud Elkholy gave her 20 pounds , then she have .....pounds now .
    (a) X – 20 (b) 45 (c) X + 20 (d) 20 x

11. If x + 5 = 8 , then 3x = ...
    (a) 3 (b) 5 (c) 9 (d) 15

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12 A number if added to 5 the result is 17 , then the number is .....

ⓐ 12 ⓑ 22 ⓒ 5 ⓓ 17

13 .....is a solution of the inequality d > 15

ⓐ 15 ⓑ 12 ⓒ 20 ⓓ All of them

14 .....is a solution of the inequality d ≥ 15

ⓐ 15 ⓑ 16 ⓒ 20 ⓓ All of them

15 Youssef eat at least 3 oranges , then Youssef may eat .....oranges

ⓐ 3 ⓑ 5 ⓒ 12 ⓓ All of them

16 Layan has 25 pounds and Maya has more money than Layan , then Maya may has .....pounds .

ⓐ 25 ⓑ 20 ⓒ 100 ⓓ All of them

17 Zyad has 16 candies and Kareem has less candies than Zyad , then Kareem may has .....candies .

ⓐ 100 ⓑ 16 ⓒ 10 ⓓ All of them

18 Jana bought 6 SPIRO SPATHIS and Mohamed bought same number or more ,then Mohamed may bought ..... SPIRO SPATHIS .

ⓐ 6 ⓑ 12 ⓒ 100 ⓓ All of them

19 All of the following are solutions of inequality x ≤ -8 except .....

ⓐ -8 ⓑ -10 ⓒ -7 ⓓ All of them

20 In the equation : 5x + 2 = y the independent variable is .....

ⓐ 5 ⓑ 2 ⓒ x ⓓ y

21 In the equation : $b = \frac{1}{2} f + 3$ the dependent variable is .....

ⓐ 5 ⓑ 2 ⓒ f ⓓ b

22 In $y = \frac{1}{2} x + 3$. if x = 6 ,then y = ...

ⓐ 6 ⓑ 3 ⓒ 9 ⓓ 15

23 In the equation : y = 2 x + 5 . if y = 11 ,then x = ...

ⓐ 2 ⓑ 3 ⓒ 4 ⓓ 5

24 Which of the following is an equation ?

ⓐ 3n + 7 ⓑ 7 times the number h ⓒ 3 c = 3 ⓓ 6 e – 7

25 (2 , m) satisfies the rule y = 3x – 2 , then m = ...

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 4

26 In the equation : y = 2x + 10 , the ordered pair (3 , n) satisfies the equation , then n = ...

ⓐ 2 ⓑ 10 ⓒ 16 ⓓ 30

27 " Y is 6 times h added to 12 " in equation is .....

ⓐ 12 = y + 6h ⓑ Y = 12 h + 6 ⓒ H = 6y +12 ⓓ Y = 6 h + 12

28 (..... , ...) is called the origin .

ⓐ (1 , 1) ⓑ (0 , 1) ⓒ (0 , 0) ⓓ (1 , 0)

Question 02 Complete

1 6 cubed = ...

2 5 squared = ...

3 $5^2 + 6 - 2^3$ = ...

4 The value of the expression $2x^2 - (2 \times 3 + 3^2)$ for x = 3 is .....

5 If the price of one pen is 6 pounds , then the price of x pens is .....

6 If the price of 10 pens is x pounds , then the price of one pen is .....

7 In 5^4 the base is .....and the exponent is .....

8 The base is 8 and the exponent is 3 , then the exponential form of this is .....

9 In a square the side length is x then the perimeter is .....and the area is .....

10 If x = 2 ,then 2x + 5 and 3 (x + 1) are have the same value ? .....

11 5x = 20 , then $\frac{1}{2}$ x = ...

12 100 x = 0 , then 12 x = ...

Y	1	2	3	4
X	2	4	6	8

13. The equation which represented by the opposite table is .....
14. 100 x = 100 , then 12 x = ...
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16. 3 n = 15 , then n = ...
17. X + 5.4 = 7.8 , then x = ...
18. 7 x = 28 , then $\frac{1}{2}$ x = ...
19. " F equals the product of m and 6 " as an equation is .....
20. The inequality that represent the negative integers is .....
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28. " Twice x added to 7 equals y " as an algebraic equation is .....
29. " m = 5d – 5 " as an verbal is .....
30. In the equation : d = $\frac{5}{9}$ n – 8 the dependent variable is .....
31. The verbal phrase for k + 10 = 12 is .....
32. " 20 more than v equals m " in equation is .....
33. The rule is " multiply by 8 " . if x = $\frac{1}{4}$,then y would be .....

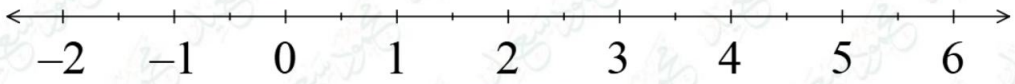
Question 03 — Answer the following questions

1. Simplify the following :
   1) $6^2 + 2 (24 - 9) \div 3$ 2) $8 - 4 \times 6 \div (5 - 3)^3$
   .....
2. When m = 3 . solve $9 + (m^2 - 3) \div 2$
   .....

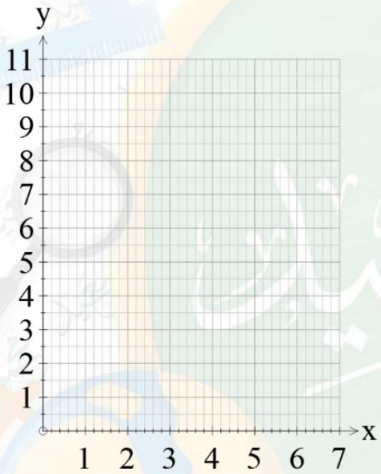
3 Rodina has 30 pounds , she will save 10 pounds daily . write the algebraic expression , then evaluate how much money will she have after 1 week ?

.....

4 Represent $5 \geq x$ on the number line in the set of integers .



5 Write an equation. Use the variables x and y ,where x is the independent variable .
Write the equation " add 1 and multiply by 2 " and substitute x by 1,2,3 and 4 to evaluate y .
then complete the table ,then represent the table on a graph .



Equation is : .....

X	1	2	3	4
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6 Write a verbal phrase for each of the following :
a) $f + 10 = m$ b) $b = 5 - k$ c) $2n + 8 = a$

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7 Complete the following table according to the equation : $y = 3x - 1$

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8 Ahmed Mazen needed to earn at least 100 pounds daily to buy a mobile . find four possible amounts that Ahmed needed to earn ,then write the inequality that represented this situation .

.....

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الصف السادس الابتدائي ٢٠٢٤

بنك الاسئلة

المتميز

أ/ محمود سعيد

MODEL ANSWERS

Math

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6 الصف السادس

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Question 03 — Answer the following questions

1. Simplify the following :

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1) 46 **2) 0**

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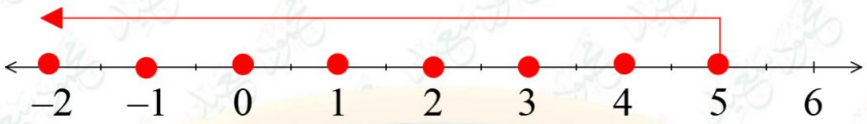
12

3 Rodina has 30 pounds , she will save 10 pounds daily . write the algebraic expression , then evaluate how much money will she have after 1 week ?

The expression is 30 + 10 d

Money with her = 30 + 10 x 7 = 100 pounds

4 Represent 5 ≥ x on the number line in the set of integers .



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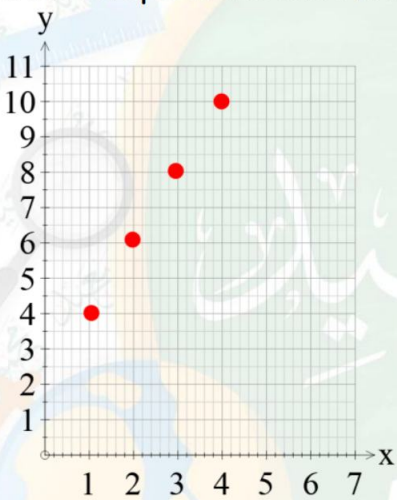

Equation is : ..... (x + 1) × 2 .....

X	1	2	3	4
y	4	6	8	10

6 Write a verbal phrase for each of the following :

a) f + 10 = m b) b = 5 − k c) 2 n + 8 = a

a) f added to 10 equals m

b) b equals 5 decreased by k

c) twice n more 8 equals a

7 Complete the following table according to the equation : y = 3 x − 1

X	1	3	5	7
y	2	8	14	20

8 Ahmed Mazen needed to earn at least 100 pounds daily to buy a mobile . find four possible amounts that Ahmed needed to earn ,then write the inequality that represented this situation .

100 , 150 , 200 - x ≥ 100

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